

11-15-02
RECEIVED

12:01:40

input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via e-mail over said computer network and providing a voice output to a telephone via said telephone network.

3. (Twice Amended) A voice communication system according to claim 221,
the computer network enabling e-mail communication between
said nodes and also comprising

a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network and being actuated by an input received from one of said multiplicity of telephones via said telephone network for communicating voice received via said one of said multiplicity of telephones via e-mail over said computer network, each voice response computer also being actuated by an input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via e-mail over said computer network and providing a voice output to a telephone via said telephone network.

4. (Twice Amended) A voice communication system according to claim 221,
the computer network enabling e-mail communication between
said nodes;

the system also comprising:

a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network and being actuated by an input received from one of said multiplicity of telephones via said telephone network for communicating voice received via said one of said multiplicity of telephones via a non-streaming Internet protocol over said computer network,

wherein the system also provides Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network.

5. (Twice Amended) A voice communication system according to claim 221 and also comprising:

a multiplicity of voice response computers, each voice response

computer being connected to a node of said computer network and being actuated by an input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via a non-streaming Internet protocol over said computer network and providing a voice output to a telephone via said telephone network,

wherein the system also provides Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network.

6. (Twice Amended) A voice communication system according to claim 221, the computer network enabling e-mail communication between said nodes;

the system also comprising:

a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network and being actuated by an input received from one of said multiplicity of telephones via said telephone network for communicating voice received via said one of said multiplicity of telephones via a non-streaming Internet protocol over said computer network, each voice response computer also being actuated by an input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via a non-streaming Internet protocol over said computer network and providing a voice output to a telephone via said telephone network,

the system also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network.

7. (Twice Amended) A communication system according to claim 221 wherein said telephone network comprises a cellular telephone network;

the system also comprising

a multiplicity of computers, each computer being connected to a node of said computer network and being actuated by an input received from one of said

multiplicity of telephones via said telephone network for communicating messages received via said one of said multiplicity of telephones via a telephone compatible Internet communication language over said computer network, at least one of senders or recipients of said messages being user-selected destinations.

8. (Twice Amended) A communication system according to claim 221 wherein said telephone network comprises a cellular telephone network;

the system also comprising

a multiplicity of computers, each computer being connected to a node of said computer network and being actuated by an input received from one of said multiplicity of voice response computers via said computer network for receiving messages communicated via a telephone compatible Internet communication language over said computer network and providing a telephone compatible Internet communication language output to a telephone via said telephone network, at least one of senders or recipients of said messages being user-selected destinations.

9. (Twice Amended) A communication system according to claim 221 wherein said telephone network comprises a cellular telephone network;

the system also comprising

a multiplicity of computers, each computer being connected to a node of said computer network and being actuated by an input received from one of said multiplicity of telephones via said telephone network for communicating messages received via said one of said multiplicity of telephones via a telephone compatible Internet communication language over said computer network, each computer also being actuated by an input received from one of said multiplicity of computers via said computer network for receiving messages communicated over said computer network and providing a telephone compatible Internet communication language output to a telephone via said telephone network, at least one of senders or recipients of said messages being user-selected destinations.

17. (Amended) A communication system according to claim 1 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network.

18. (Amended) A communication system according to claim 1 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

B2
19. (Amended) A communication system according to claim 1 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

20. (Amended) A communication system according to claim 1 and wherein said voice response computers are operative to convert Dual Tone Multi Frequency (DTMF) to an Instant Messaging communication protocol.

B3
22. (Amended) A communication system according to claim 21 and wherein said database is a Structured Query Language (SQL) database.

B4
24. (Amended) A communication system according to claim 1 and wherein said multiplicity of voice response computers are actuated by the sender entering an e-mail address of a recipient via Dual Tone Multi Frequency (DTMF) codes.

B5
27. (Amended) A communication system according to claim 2 and also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network.

28. (Amended) A communication system according to claim 2 and also providing

Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

BS
29. (Amended) A communication system according to claim 2 and also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

32. (Amended) A communication system according to claim 3 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network.

BC
33. (Amended) A communication system according to claim 3 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

34. (Amended) A communication system according to claim 3 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

B7
36. (Amended) A communication system according to claim 4 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

37. (Amended) A communication system according to claim 4 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

38. (Amended) A communication system according to claim 4 and wherein said voice response computers are operative to convert Dual Tone Multi Frequency (DTMF) to an Instant Messaging communication protocol.

44. (Amended) A communication system according to claim 5 and also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

45. (Amended) A communication system according to claim 5 and also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

49. (Amended) A communication system according to claim 6 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

50. (Amended) A communication system according to claim 6 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user has

B9.
communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

B10
56. (Amended) A communication system according to claim 55 and wherein said transmitter transmits said sender's voice via Hypertext Transfer Protocol (HTTP) PUT to said web server.

57. (Amended) A communication system according to claim 55 and wherein the transmitter spools the sender's voice to a Simple Mail Transfer Protocol (SMTP) server.

B11
59. (Amended) A communication system according to claim 55 and wherein said web server includes a Simple Mail Transfer Protocol (SMTP) server.

60. (Amended) A communication system according to claim 55 and wherein said web server includes a Hypertext Transfer Protocol (HTTP) server enabled to handle PUT commands.

B12
84. (Amended) The system of claim 83 wherein the audio file is a Wave file.

85. (Amended) The system of claim 84 wherein the audio file is a compressed Wave file.

B13
97. (Amended) The method of claim 94 wherein the local audio file is a Wave file.

98. (Amended) The method of claim 94 wherein the local audio file is a compressed Wave file.

B14
112. (Amended) The system of claim 109 wherein the local audio file is a Wave file.

113. (Amended) The system of claim 109 wherein the local audio file is a

B14
compressed Wave file.

B15
116. (Amended)

The system of claim 115 wherein the audio file is a Wave file.

117. (Amended)

The system of claim 115 wherein the audio file is a compressed Wave file.

B16
122. (Amended)

The system of claim 121 wherein the designated file format is a Wave format.

123. (Amended)

The system of claim 121 wherein the designated file format is a compressed Wave format.

B17
142. (Amended)

The system of claim 141 wherein the designated file format is a Wave format.

143. (Amended)

The system of claim 141 wherein the designated file format is a compressed Wave format.

B18
145. (Amended)

A method of voice communication according to claim 144 and also comprising the step of providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network.

146. (Amended)

A method of voice communication according to claim 144 and also comprising the step of providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

147. (Amended)

A method of voice communication according to claim 144

B18
and also comprising the step of providing Instant Message protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

148. (Amended) A method of voice communication according to claim 144 and wherein said voice response computers are operative to convert Dual Tone Multi Frequency (DTMF) to an Instant Messaging protocol communication protocol.

B19
150. (Amended) A method of voice communication according to claim 149 and wherein said database is a Structured Query Language (SQL) database.

156. (Amended) A method of voice communication according to claim 155 and also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network.

B20
157. (Amended) A method of voice communication according to claim 155 and also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

158. (Amended) A method of voice communication according to claim 155 and also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

B21
162. (Amended) A method of voice communication according to claim 161 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network.

163. (Amended) A method of voice communication according to claim 161 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

164. (Amended) A method of voice communication according to claim 161 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

166. (Amended) A method of voice communication according to claim 165 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network.

167. (Amended) A method of voice communication according to claim 165 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

168. (Amended) A method of voice communication according to claim 165 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

169. (Amended) A method of voice communication according to claim 165 and comprising the step of operating said voice response computers to convert Dual Tone Multi Frequency (DTMF) to an Instant Messaging protocol communication protocol.

B23
171. (Amended) A method of voice communication according to claim 165 and comprising the step of actuating said multiplicity of voice response computers by entering an e-mail address of a recipient via Dual Tone Multi Frequency (DTMF) codes.

B24
174. (Twice Amended) A method for voice communication according to claim 216 and also comprising the steps of:

connecting a multiplicity of voice response computers, each voice response computer being connected to a node of said computer network; and

actuating an input received from one of said multiplicity of voice response computers via said computer network for receiving voice communicated via a non-streaming internet protocol over said computer network and providing a voice output to a telephone via said telephone network,

the method also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

B25
176. (Amended) A method of voice communication according to claim 174 and also providing Instant Messaging protocol functionality whereby communications are sent from user-selected destinations via said computer network indicating that a user is communicating using a user's telephone via said telephone network with a user's voice response computer.

B26
181. (Amended) A method of voice communication according to claim 180 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network.

182. (Amended) A method of voice communication according to claim 180 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user is

communicating using a user's telephone via said telephone network with a user's voice response computer.

B26
183. (Amended)

A method of voice communication according to claim 181 and also providing Instant Messaging protocol functionality whereby communications are sent to user-selected destinations via said computer network indicating that a user has communicated voice via said telephone network and said computer network using a user's telephone and a user's voice response computer.

B27
193. (Amended)

A method of voice communication according to claim 192 and comprising the step of transmitting said sender's voice via Hypertext Transfer Protocol (HTTP) PUT to said web server of said transmitter.

194. (Amended)

A method of voice communication according to claim 192 and comprising the step of spooling the sender's voice to a Simple Mail Transfer Protocol (SMTP) server of said transmitter.

B28
196. (Amended)

A method of voice communication according to claim 192 and comprising the step of including a Simple Mail Transfer Protocol (SMTP) server in said web server.

197. (Amended)

A method of voice communication according to claim 192 and comprising the step of including a Hypertext Transfer Protocol (HTTP) server enabled to handle PUT commands in said web server.

B29
216. (Amended)

A method of voice communication comprising the steps of:
providing a telephone network including a multiplicity of telephones interconnected by telephone network interconnections;
providing a computer network having a multiplicity of nodes;
enabling non-streaming Internet protocol communication between said nodes;

B29.
communicating to the telephone network a link to
streaming audio via said non-streaming Internet protocol communication; and
playing said streaming audio from said computer network
over at least a portion of said telephone network interconnections.

B30
221. (Amended)

A communication system comprising:

a telephone network including a multiplicity of telephones
interconnected by telephone network interconnections;

a computer network having a multiplicity of nodes and
enabling non-streaming Internet protocol communication between said nodes;

streaming audio link communication apparatus
communicating to the telephone network a link to streaming audio via said non-
streaming Internet protocol communication; and

a streaming audio player operative to play said streaming
audio from said computer network over at least a portion of said telephone network
interconnections.--